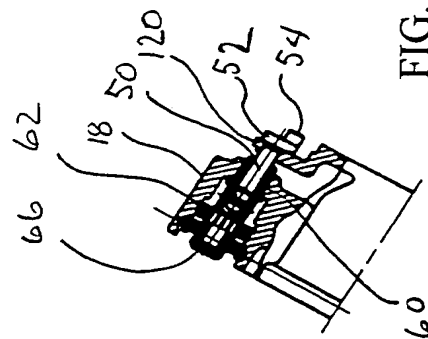
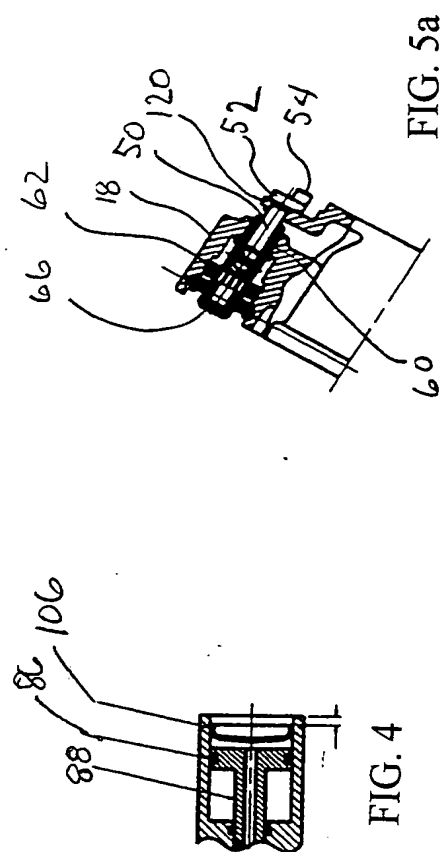
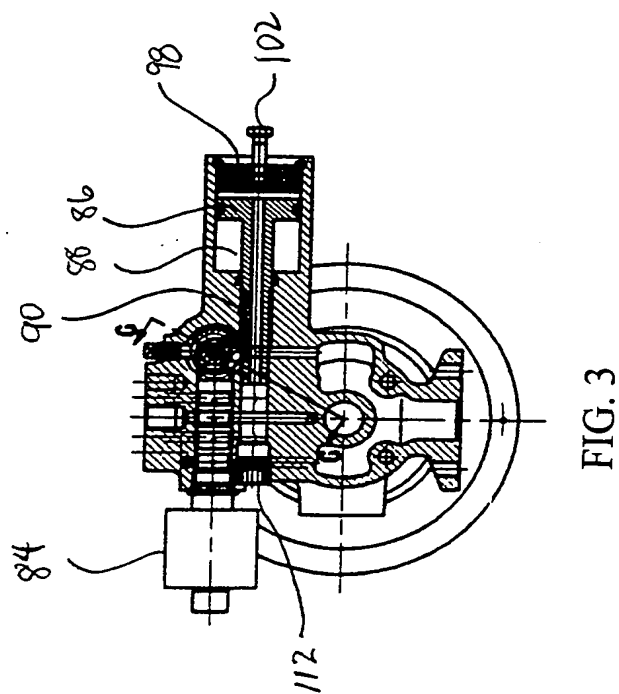
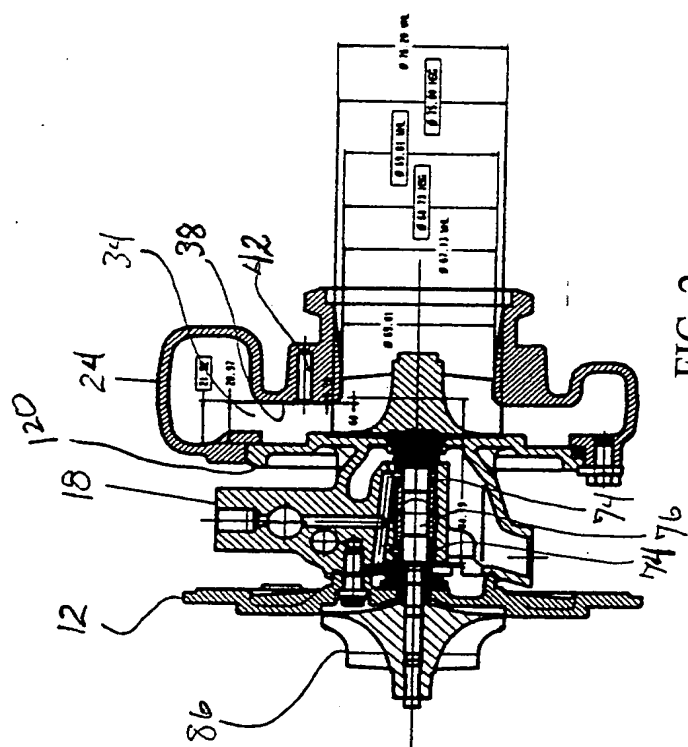
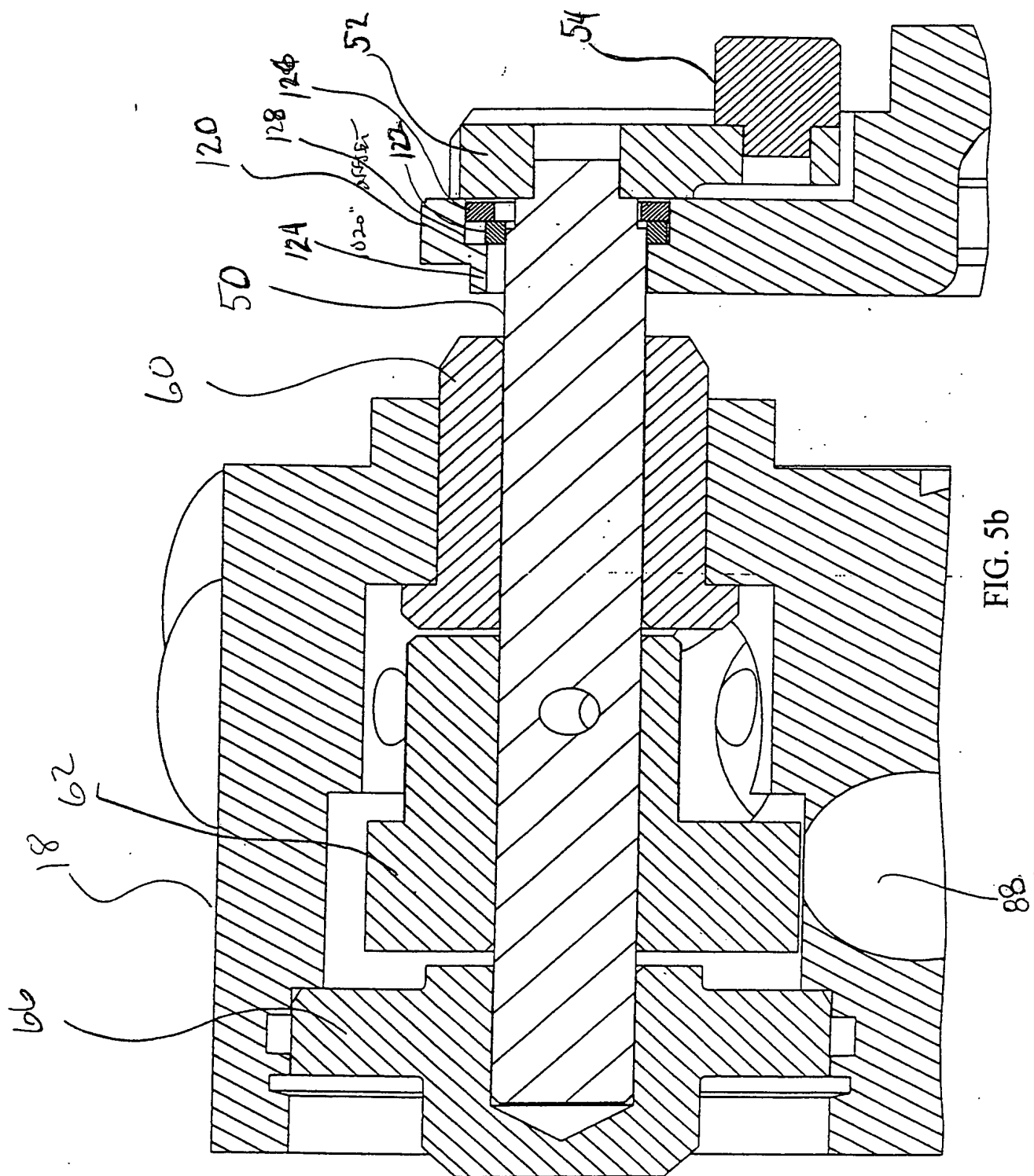


FIG. 1

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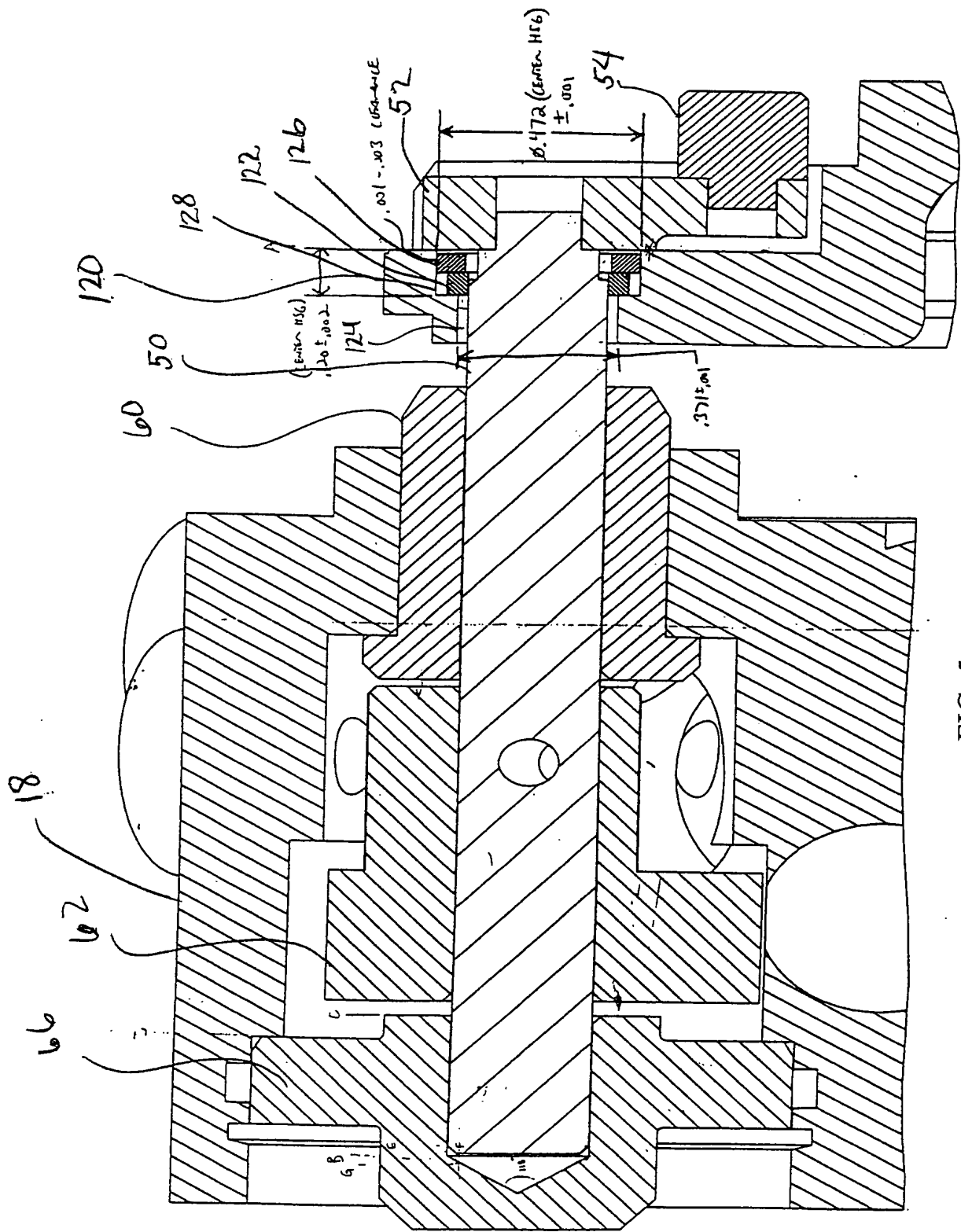


FIG. 5c

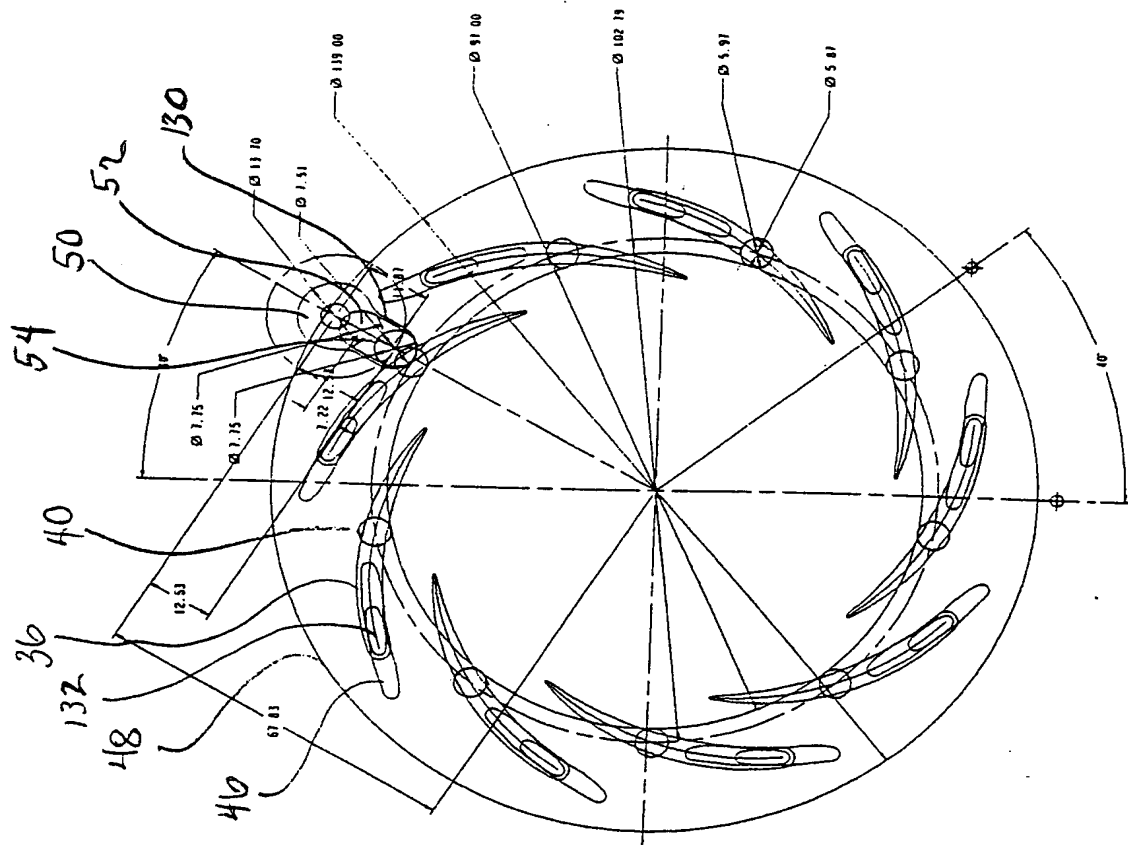


FIG. 6a

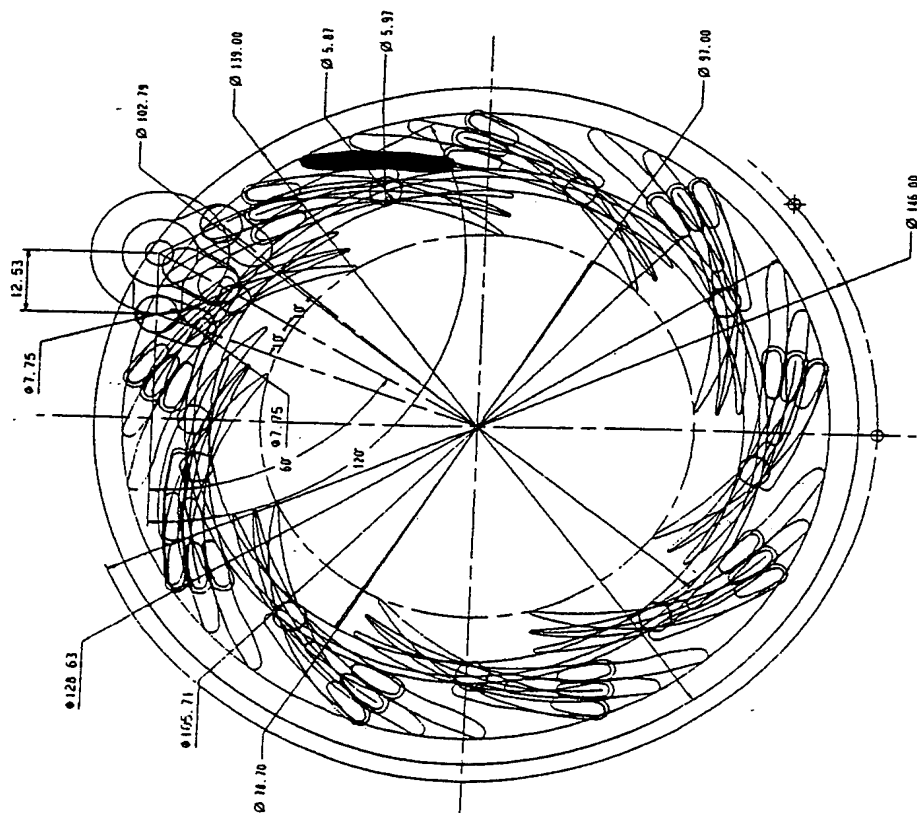


FIG. 6b

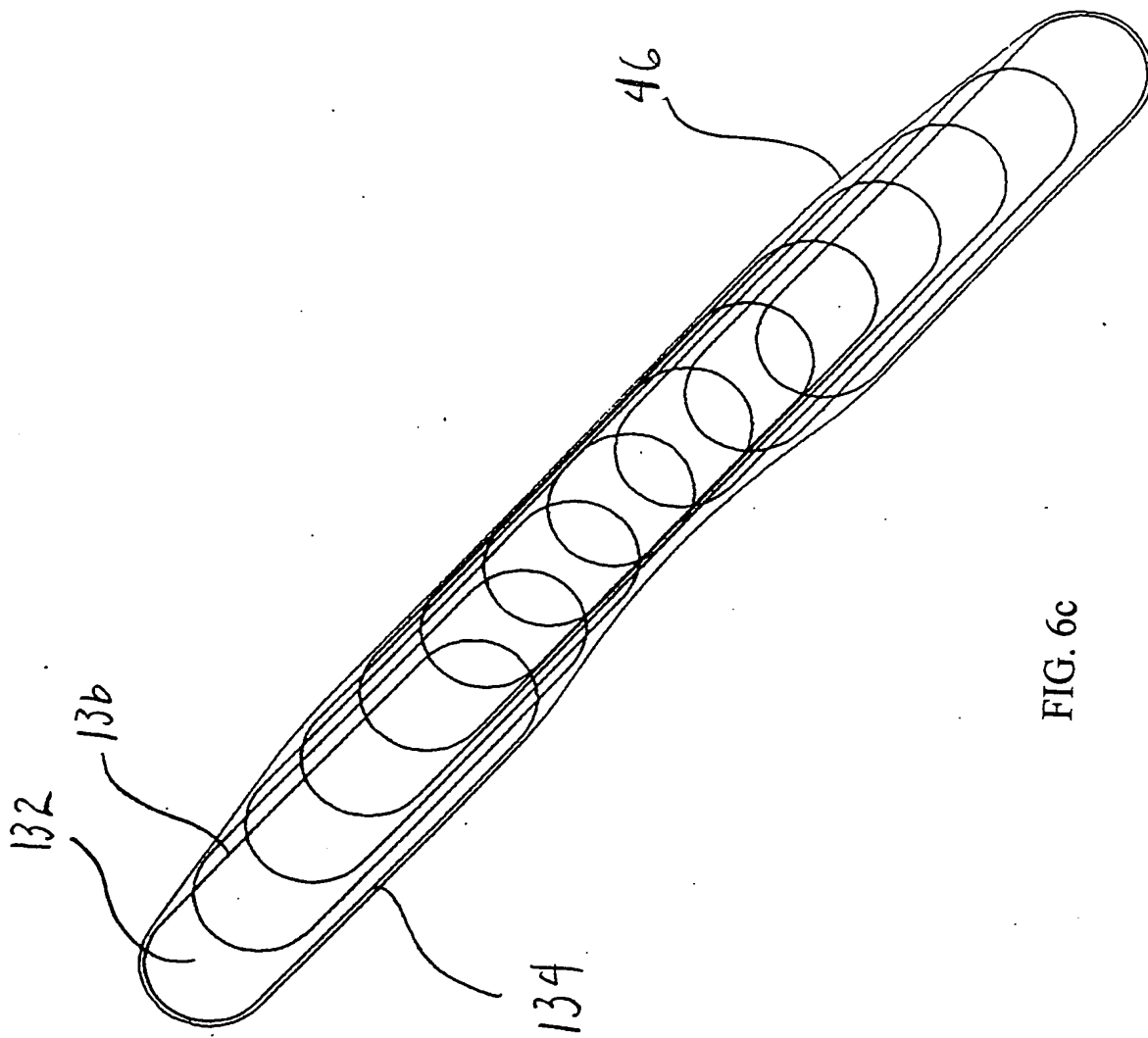
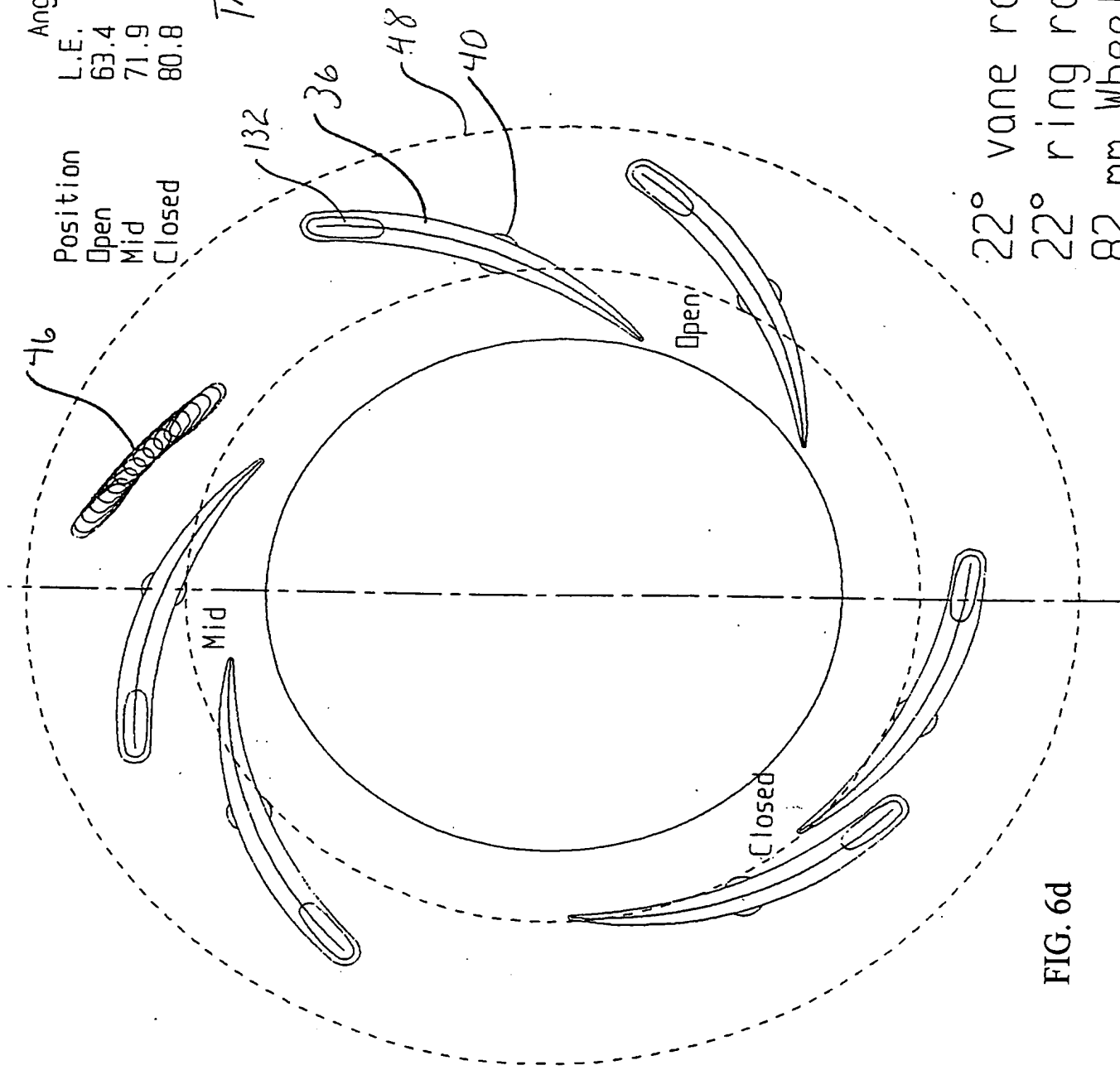


FIG. 6c

Position	Angles		Throat mm
	L.E.	T.E	
Open	63.4	59.0	15.37
Mid	71.9	71.4	9.64
Closed	80.8	82.5	2.61

TABLE 1



22° vane rotation  
22° ring rotation  
82 mm Wheel Ø

FIG. 6d

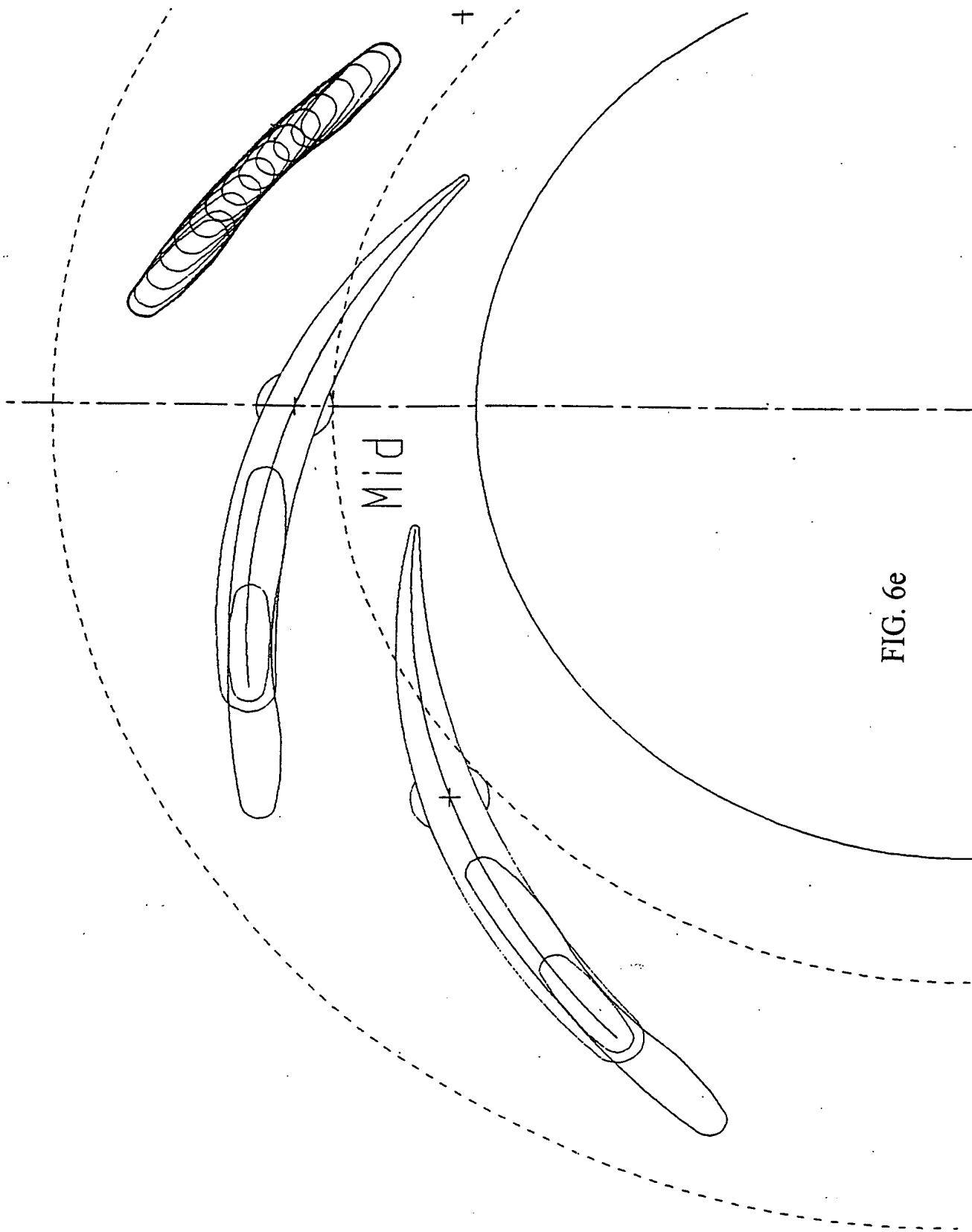


FIG. 6e



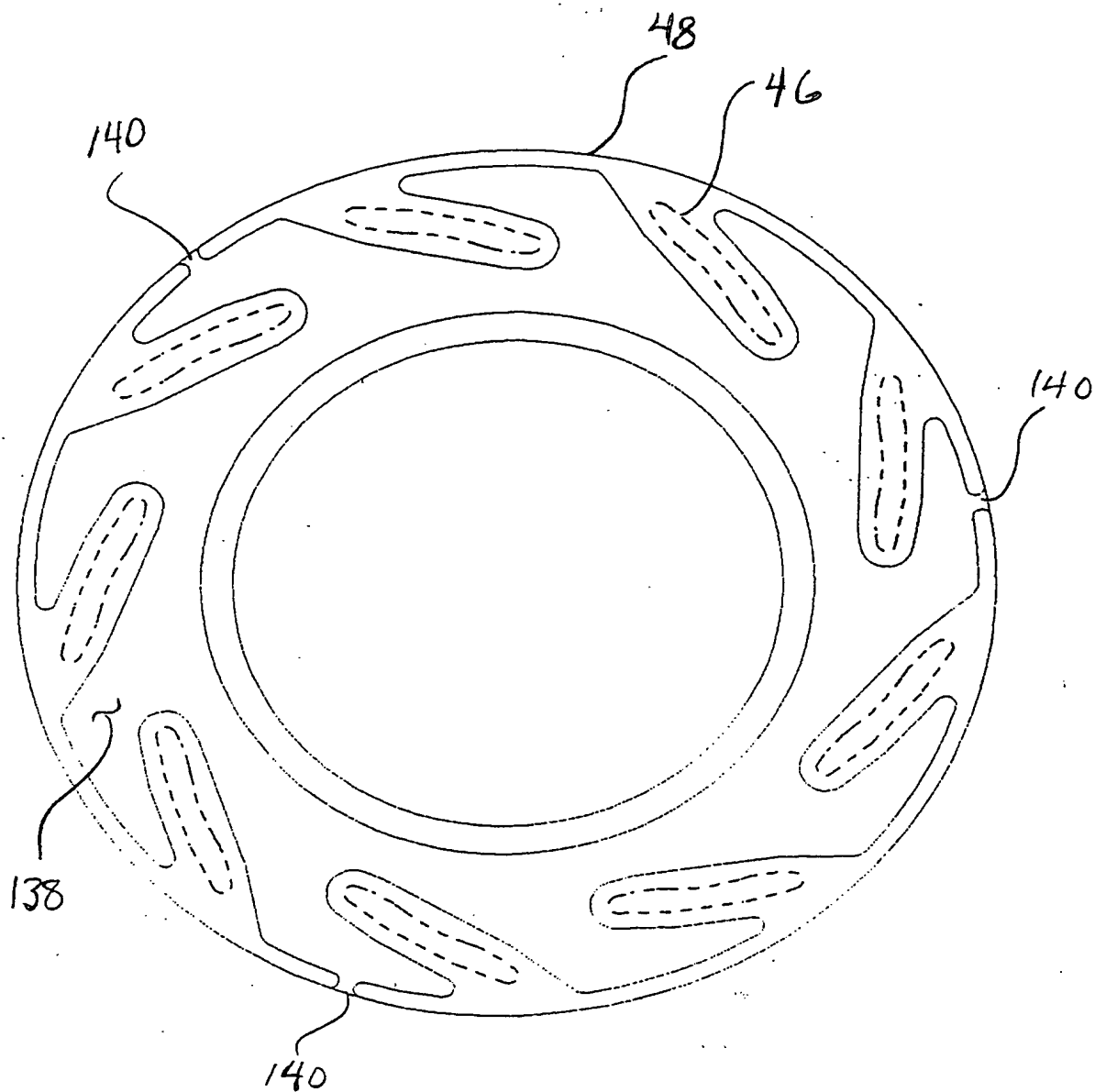


FIG. 7

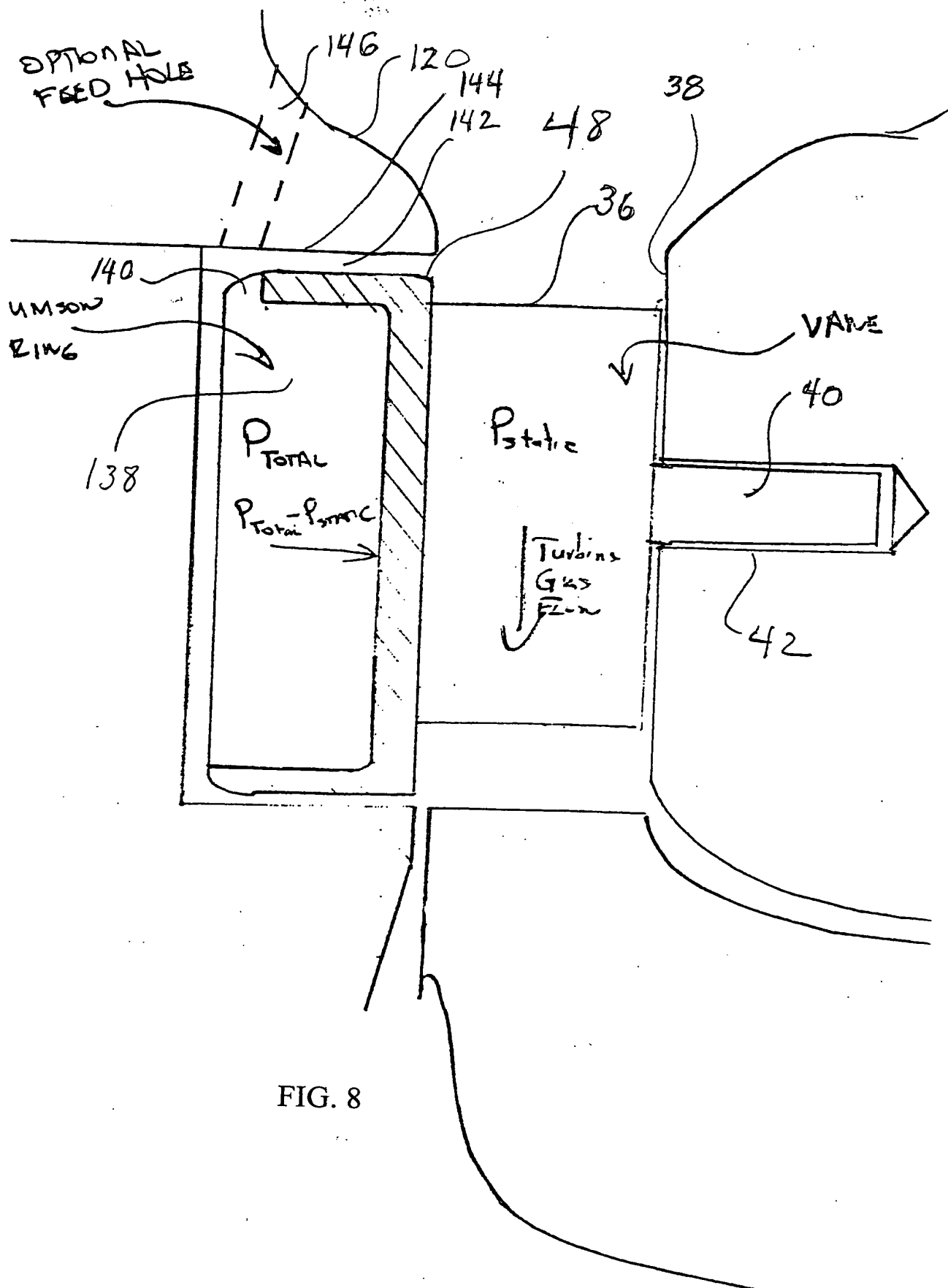


FIG. 8

1. NO CURRENT

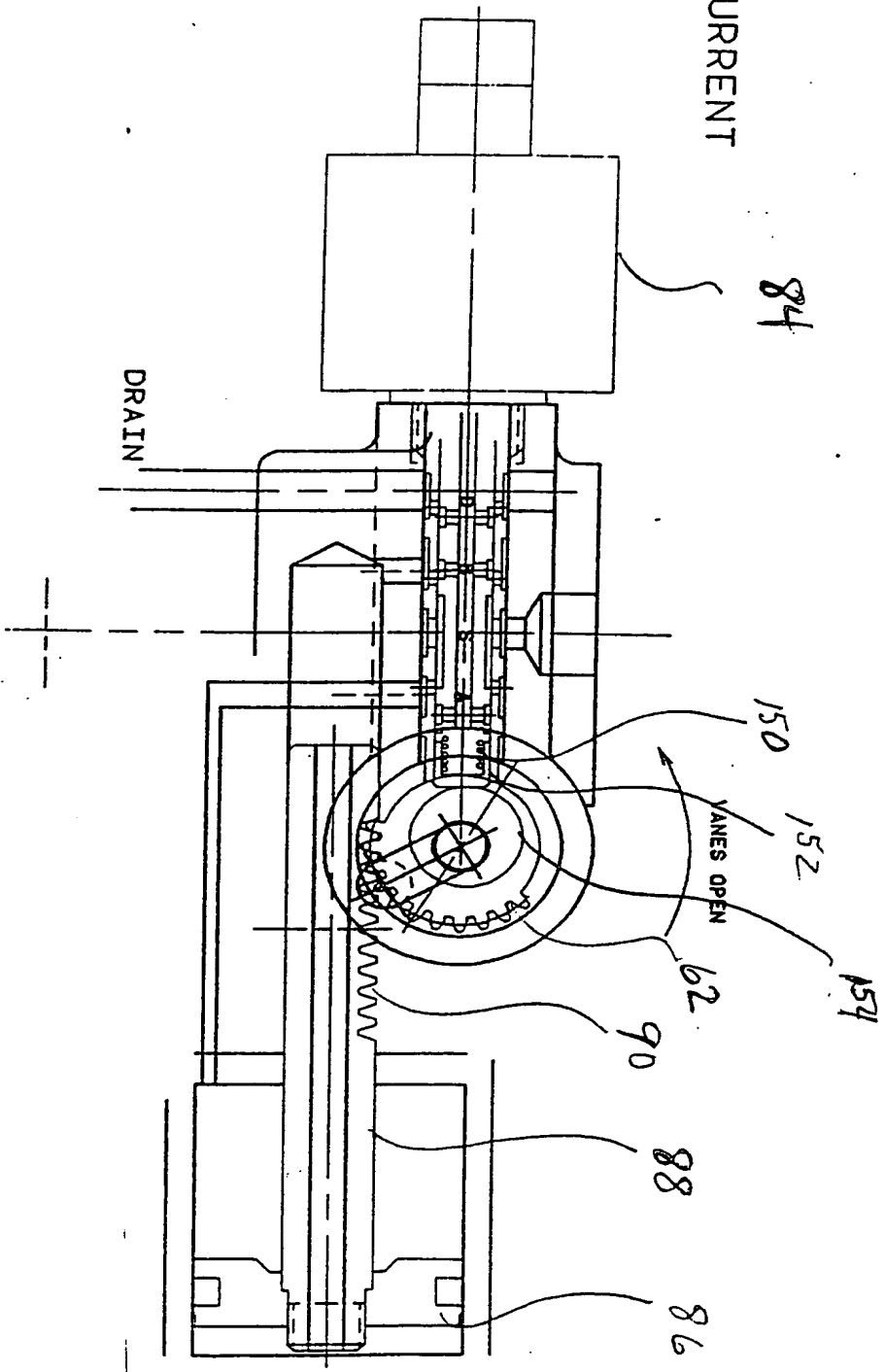


FIG. 9a

2. LOW CURRENT IN SOLENOID

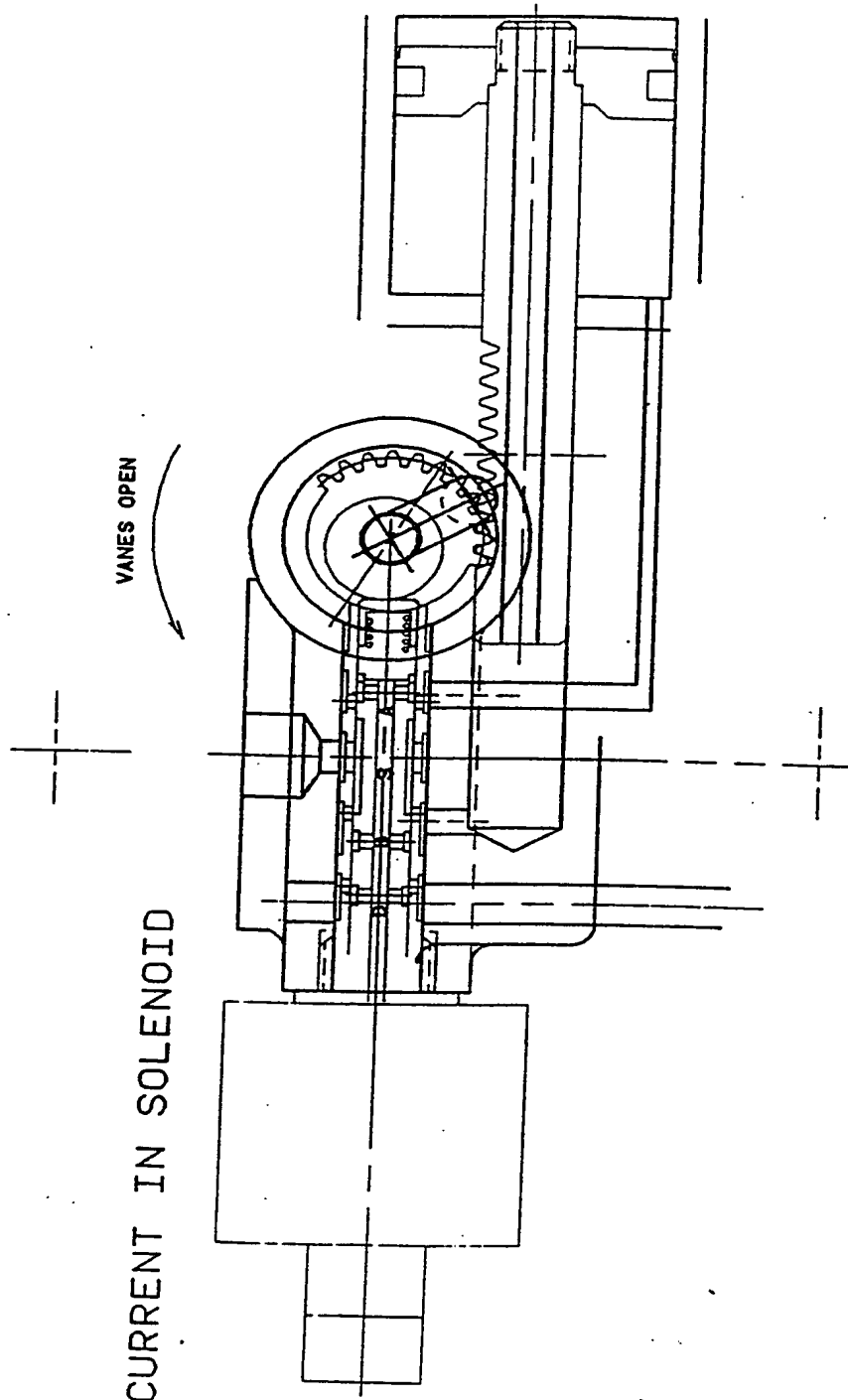


FIG. 9b

3. BALANCED STATE LOW CURRENT

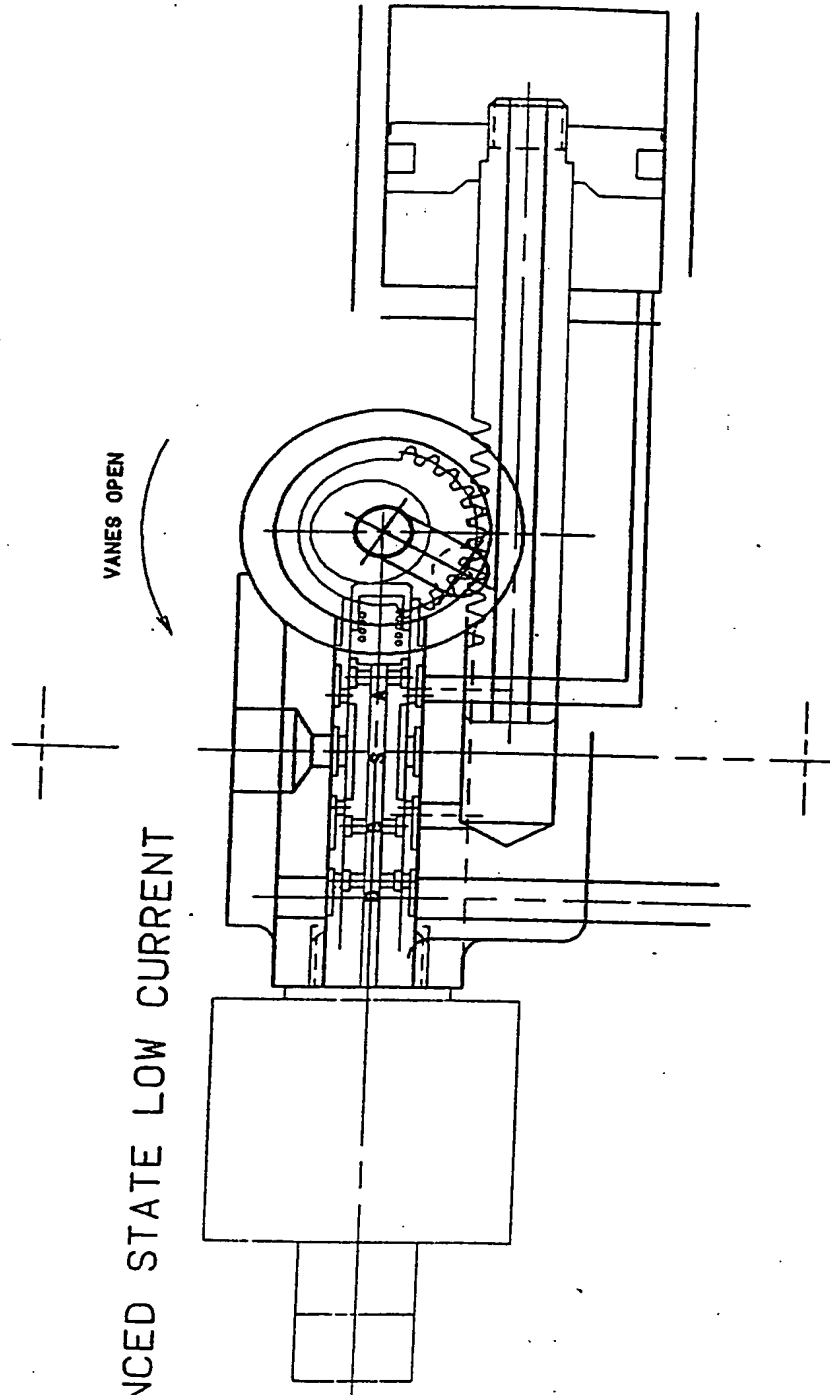
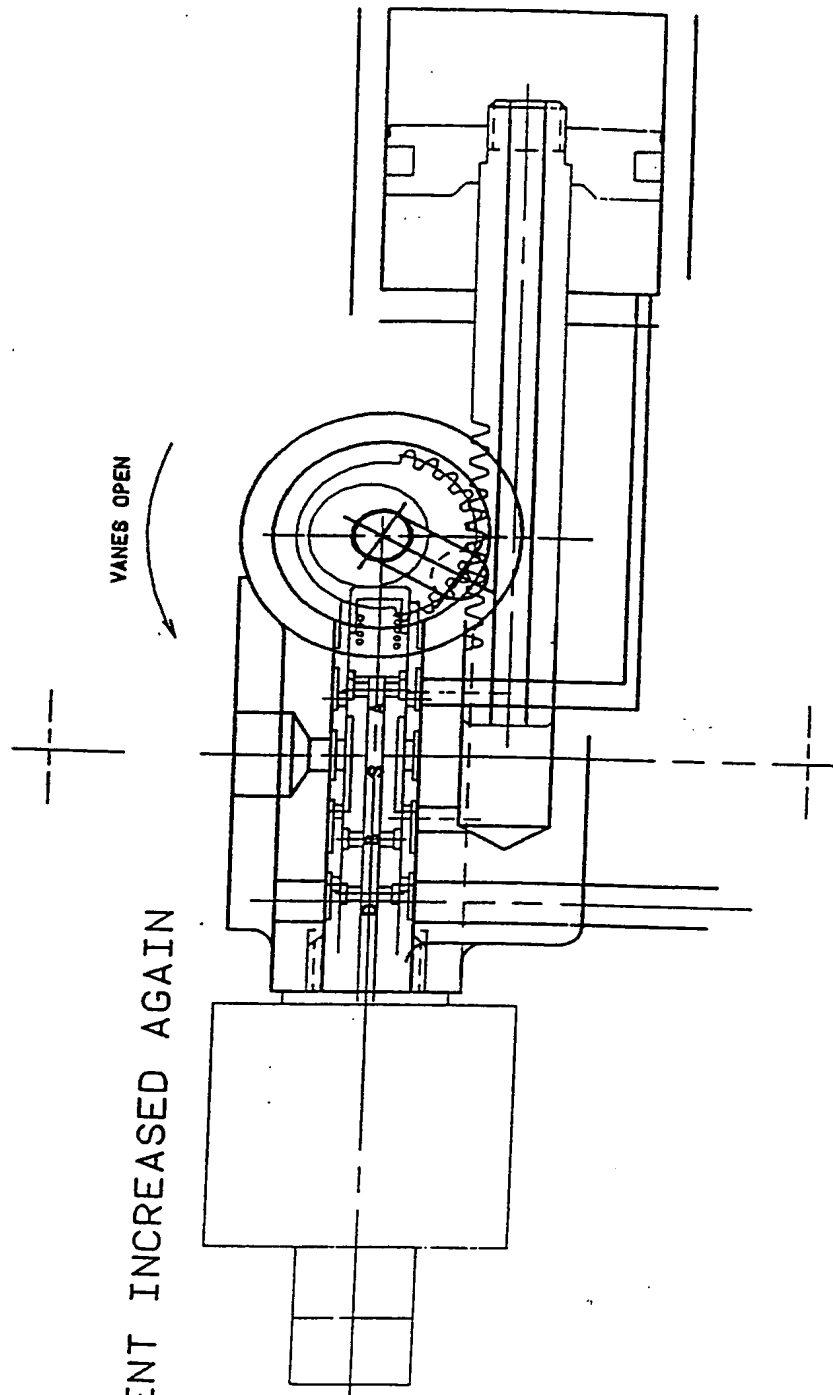


FIG. 9c



4. CURRENT INCREASED AGAIN

FIG. 9d

5. BALANCED STATE HIGH CURRENT

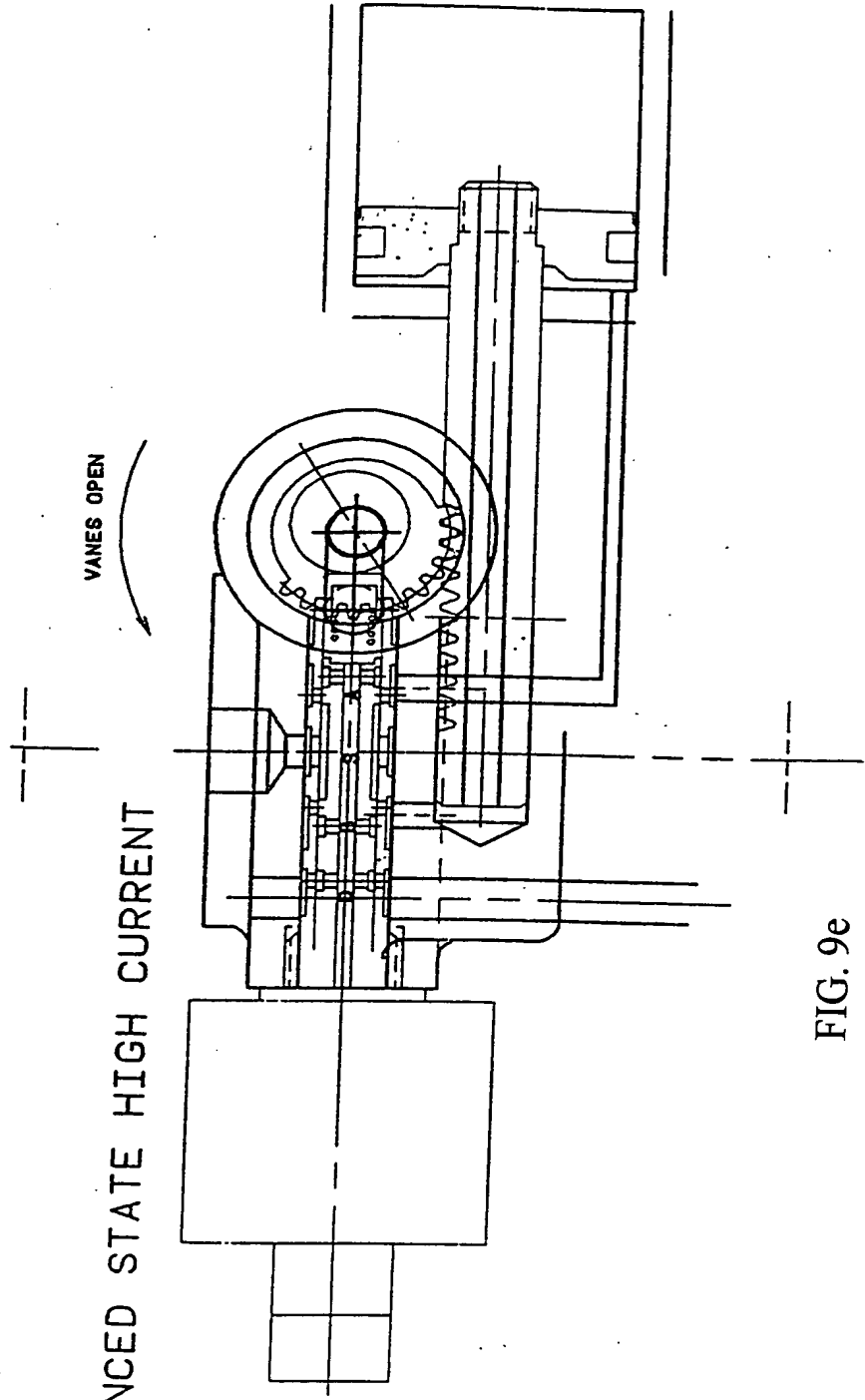


FIG. 9e